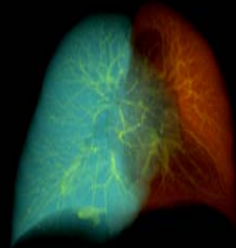# Image and Model Based Analysis of Lung Disease
PI: Eric A. Hoffman, Ph.D., Univ of Iowa
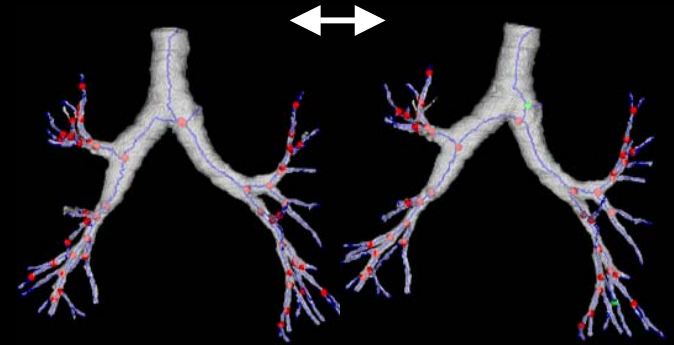
Respiratory Triggering
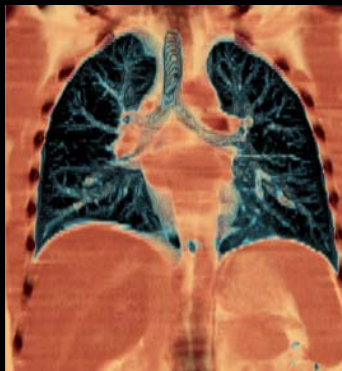
Image Segmentation

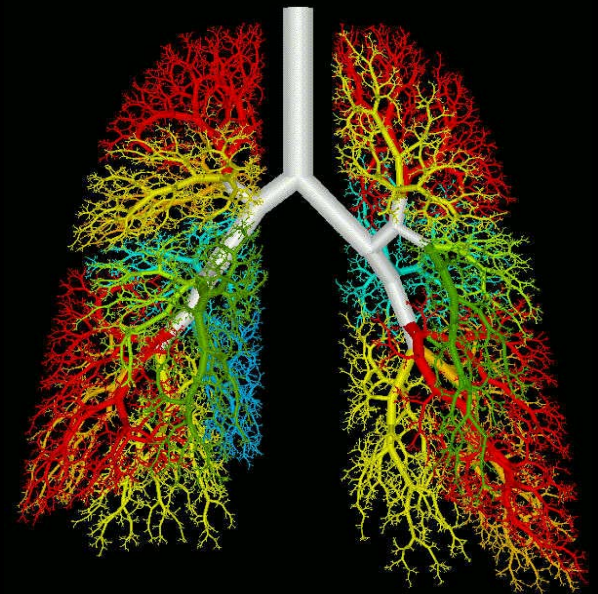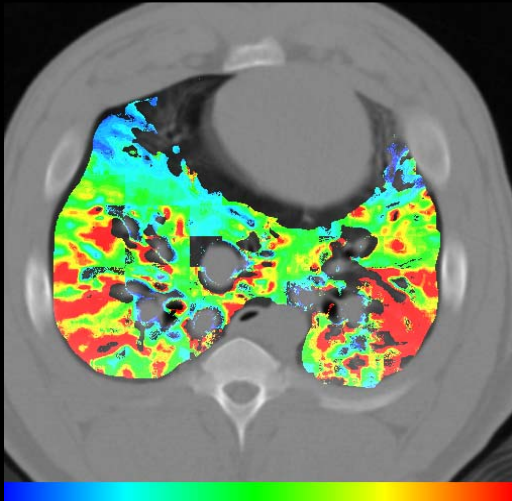**Image Matching**

Non-Breath hold imaging
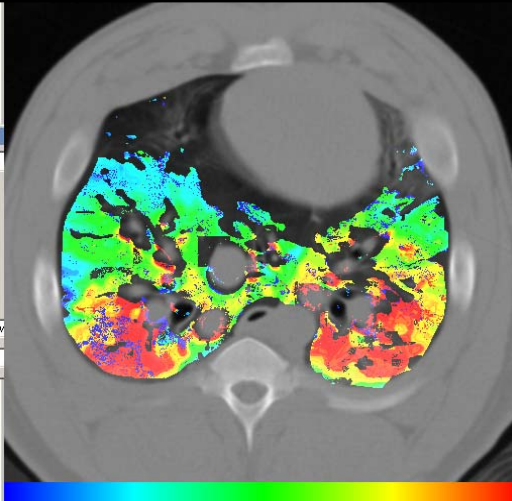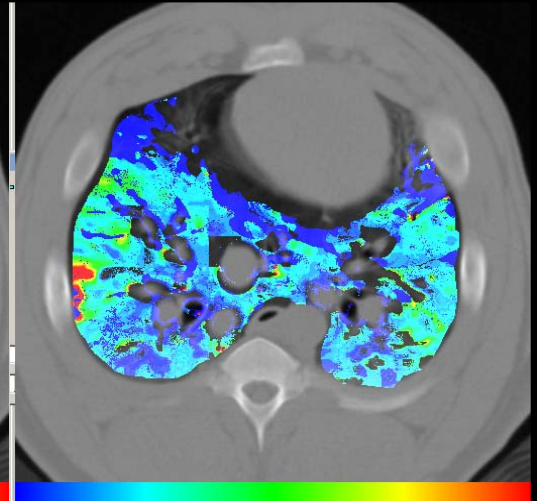
Lung Model Development

Functional Imaging

Ventilation   Perfusion   V/Q

Microvascular Mean Transit Time

8sec   8sec

Supine   0sec   Prone   0sec

HL-064368